

Utah Monthly Communicable Disease Report

October 2018



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases,* compared to an historical 5-year average, October 2018

Disease/Condition	Oct 2018	5-yr Oct avg+	2018 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	2	U	7	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.4	0	1.4
Babesiosis	0	0.0	1	0.2
Botulism, total	0	0.2	2	4.2
foodborne	0	0.0	0	0.4
infant	0	0.2	2	3.8
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.4
Campylobacteriosis	19	44.2	445	464.6
Chickenpox	11	20.2	113	190.4
Chlamydia	931	795.2	8835	7373.2
Cholera	0	0.0	0	0.0
Coccidioidomycosis	0	4.2	4	43.8
Colorado tick fever	0	0.0	1	0.2
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	1	0.4	4	3.2
Cryptosporidiosis	11	8.8	144	109.8
Cyclosporiasis	0	0.2	17	4.8
Dengue	0	0.4	0	2.4
Ehrlichiosis/Anaplasmosis	0	0.0	2	1.0
Encephalitis	0	0.2	4	3.6
Enterobacter species resistant to carbapenems	0	U	0	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	0	U	5	U
Giardiasis	8	17.4	188	181.2
Gonorrhea	252	157.0	2424	1409.8
HIV infection	0	10.4	76	101.2
Haemophilus influenzae, all ages, invasive disease	7	4.0	46	40.0
nonserotype B, age < 5 years	0	0.0	3	2.6
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	1	0.0	5	2.6
Hansen's disease (Leprosy)	0	0.4	2	0.6
Hantavirus pulmonary syndrome	0	0.0	0	0.0
Hemolytic uremic syndrome, post-diarrheal	1	0.6	8	6.4
Hepatitis A	2	6.8	132	22.4
Hepatitis B, acute	0	1.6	14	8.6
Hepatitis B, chronic	10	22.4	207	249.4
Hepatitis C, acute	7	5.0	82	40.8
Hepatitis C, chronic	130	163.2	1403	1468.0
Hepatitis, other viral	0	0.2	2	0.8
Influenza-associated hospitalizations§	5	16.6	1559	798.4
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	2	U	4	U
Legionellosis	3	3.2	24	23.8
Leptospirosis	0	0.0	2	0.6
Listeriosis	1	0.4	2	3.6

*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

**YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	1	0.6	19	15.8
Malaria	1	0.6	7	5.6
Measles	0	0.0	0	1.2
Meningitis, aseptic	0	4.2	28	38.6
Meningitis, bacterial, other	0	1.6	10	17.0
Meningitis, viral	0	9.0	14	52.0
Meningococcal disease (Neisseria meningitidis)	0	0.2	3	2.6
Mumps	2	0.4	13	9.8
Pertussis	12	34.6	277	600.2
Plague	0	0.0	0	0.2
Q fever	0	0.0	2	3.4
Rabies, animal	1	1.6	12	19.2
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.8
Rubella	0	0.0	0	0.2
Salmonellosis	14	27.6	291	327.8
Shiga toxin-producing Escherichia coli (STEC) infection	24	10.8	170	87.4
Shigellosis	3	6.0	50	37.4
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.6	7	6.4
Streptococcal disease, invasive, group A	4	13.6	116	134.8
Streptococcal disease, invasive, group B	16	13.4	168	139.8
Streptococcal disease, invasive, other	26	24.8	245	299.2
Streptococcus pneumoniae, invasive disease	13	18.2	194	174.6
age < 5 years	1	0.8	19	17.4
Syphilis, early (infection < 12 months)	5	11.4	107	108.0
primary & secondary	4	6.4	66	66.6
early latent	1	5.0	41	41.4
Syphilis, latent (infection > 12 months)	0	5.6	53	54.0
Toxic shock syndrome (staphylococcal or streptococcal)	1	0.8	18	19.4
Trichinellosis	0	0.0	0	0.2
Tuberculosis, active	1	3.2	12	25.8
Tularemia	0	0.4	0	4.0
Typhoid fever	0	0.2	1	1.0
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	0	0.4	12	6.6

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